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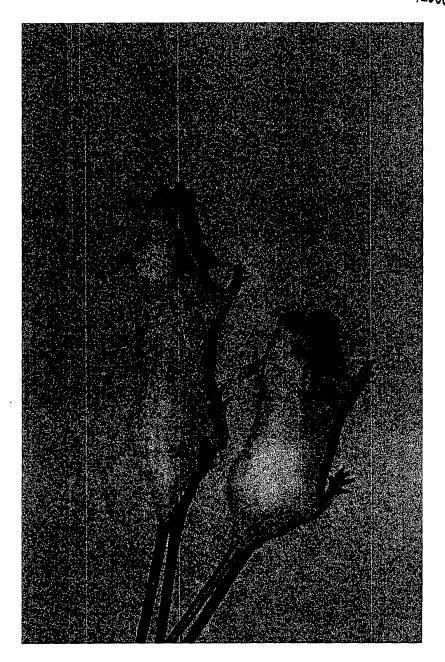


Fig. 1

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MSKN H	40GAHAGPALELQPRDQASSLCPWPHYLLPDTNVLLHQIDVLEHP-AIRNVIVLQTVWQEVRNRS 51DFGTNPLLKIENPVRNAKVGRHALIVDSTSLIRFYDLFDSS-LLRDLIVTQTVWEGVKAKA 55 KLPKDSRGNVLEPILSEKPMFLEK-FGHHYLIPDSNIFYHCIDALEHPNNFFDVIILQTVFSEISSKS 67 IVVPDAQNELPKFILSDSPLELSAPIGKHYVVLDTNVVLQAIDLLENPNCFFDVIVLDEVRNKS 70 0MNHPDYKLNLRSPGTPRGVSSVV 70 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
HS-HMC-Dis3 MM-hmc-Dis3 SP-P37202-Dis3 SC-Q08162-Dis3 MM-LOBO HS-LOBO SP-299259 SC-P24276-SSD1 SC-P39112	MM-hmc-Dis3 CE-Q17632-Dis3 SP-P37202-Dis3 SC-Q08162-Dis3 MM-LOBO HS-LOBO CE-Q09568-LOBO SP-Z99259 SC-P24276-SSD1 SC-P39112	

Fig. 2a



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HS-HMC-Dis3	HS-HMC-Dis3 146 RAIRVAAKWYNEHLKRWAADSQLQVILITND	10 10 21 16
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Fig. 2b



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HS-HMC-Dis3	GDVVAVKIKPKEDWLVNXVEYVKWWAEH
SSQGNNN	SSQGNNNGGGRKSLFAPYLPQAI SSQGNNNGGGRKSLFAPYLPQAI ILPIVARQLITS 331 NRAVHEDIVAVELLPKS-QWVAI NRAVHEDIVAVELLPRS-OWVAI



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			_	11 4 2	•						
120 -KKGTEKRCLRNE-IQDNGV	185 KKGLKSGTLFKGTLRI-LENHR-SAFACMEDIPDFYVDGPIARNRAFHNDVVIVEPVMNN-DSPTEK 350 betjogobi <i>nacti pimikk</i> nbedamisendaldantytogsyddnalefodi <i>tantet i modinesky</i>	351 361 371 381 391 401 411	306 SVVLHDEGQNEEDVEKEEERERMLKTAVSEKMLK	KKIRLRDVEEYVKTADDMGN					418 EKEEKKRRKDASMQHDLIPLNSSDDYHNDASVTAATSNNFLSSPSSSDSLSKDDLSVRRKRSSTINNDSD	NNA	421 431 441 451 461 471 481
HS-LOBO CE-Q09568-LOBO	SP-Z99259		HS-HMC-Dis3			MA-LOBO HS-LOBO	CE-009568-LOBO	SP-Z99259	SC-P24276-SSD1	SC-P39112	

Fig. 2d



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HS-HMC-Dis3 340	HS-HMC-Dis3 357 -GMLSKSDIKESRRHLFTPADDKRIPRIRIETRQASKLEGRRIIVAIDGW MM-hmc-Dis3 357 -GMLSKSDIKESRRHLFTPADNRIPRIRIETRQASALEGRRIIVAIDGW CE-Q17632-Dis3 366 -GMLLPSTVKGARRHLFCPAERLIPRIRIETEQAETLSQQRIVVAIDHW SP-P37202-Dis3 375 -GHVDNATIAQSKGGSQQTVLLTPMDRRVPKIRFRTRQAPRLVGRRIVVAIDLW SC-Q08162-Dis3 404 -GQLAPSSVDP-QSSSTQNVFVILMDKCLPKVRIRTRRAAELLD	



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HS-HMC-Dis3 405 PRNSRYPNGHFVRNLGDVGEKETETEVLLLEHDVPHQPFSQAVLSFLPKMPWSITEKDM MM-hmc-Dis3 405 PRNSRYPNGHFVRNLGDVGEKETETEVLLLEHDVPHQPFSQAVLSFLPRMPWSITEEDM CE-Q17632-Dis3 414 PRDSKYPLGHYVRSIGEMGSRETENEVLLLEHDIPHAPFSESVLDCLPREEWEPDLTENRG SP-P3702-Dis3 428 DASSRYPEGHFVRDLGETESAQAETEALLLEYDVGYRPFRAVLDCLPEE-GHNWKVPPDEAV SC-Q08162-Dis3 456 PTTHKYPLGHFVRDLGTIESAQAETEALLLEHDVEYRRPFSKKVLECLPAE-GHNWKAPTKLDDPEAVSKD MM-LOBO 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	G31	711 721 731 741 751

Fig. 2f



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CD SK SS SS	S S S S S S S S S S S S S S S S S S S	MAR 1 4 2
ASERGNSTYLSQTVIPMLPRILCEQLCSLNPGVDRLSFSTVFKMSYEAELYDAASRATTVYLVQKAIPMLPPLLCERLCSLNPNVERLAFSVFWKLDSNGKEIGKARKRSSAVFMPQKLVNLLPQSFNDELSLAPGKESATLSVVYTLDSSTLRIKS 3ISTDILNVALKRSFTTYLPDTVVPMLPQSICHLSDLGKQQRTKTISFSVDVKITSKCSGKSIEIMYDS	TRFTKSVINSKASL-YAEAQLRIDSANMNDDITTSLRGLNKLAKILKKRRIENGA TRFTKSVINSKASL-YAEAQMRIDSAAMNDDITTSLRGLNQLAKILKKGRIEKGA VKYHKSLIKSKAALTYEKAQEIIDDPKEQNDVALGLRGLMKLSKVLARRFTGNGA VHFTKSVIRSREAFSYADAQARIDDQKMQDPLTQGMRVLLKLSKILKQKRMDEGA VNFMKSVIRSREAFSYEQAQLRIDDKTQND	TECH CENTER 1
363 496 746 578 GIS 771	574 TK 574 TR 586 VK 603 VH 638 VN 476 EW 103 EW 415 VW 798 TW 648 FK	- 8
CE-009568-LOBO SP-299259 SC-P24276-SSD1 SC-P39112	HS-HMC-Dis3 MM-hmc-Dis3 CE-Q17632-Dis3 SP-P37202-Dis3 SC-Q08162-Dis3 MM-LOBO HS-LOBO CE-Q09568-LOBO SP-Z99259 SC-P24276-SSD1 SC-P24276-SSD1	

Fig. 2h



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LTLSSPEVRFHMDSETHDPIDLQTKELRETNSWVEEFWLLANISVAKKIHEEFSEHALLRKHPAPPPSNY LTLSSPEIRFHMDSETHDPIDLQTKELRETNSWVEEFWLLANISVAKKIHEEFSEHALLRKHPAPPPSNY LTLASSEVRFDMDWESRTPKKVMEKQHLDTHSWVEEFWLLANISVAKKIHEEFSEHALLRRHPAPPPSNY LNLASSPEVRIQTDNETSDPMDVEIKQLLETNSLVEEFWLLANISVARKIYDAFPQTAVLRRHAAPPLTNF LNLASPEVKVHMDSETSDPNEVEIKKLLATNSLVEEFMLLANISVARKIYDAFPQTAMLRRHAAPPLTNF LRLDQLKLAFTLDHETGLPQCCHIYEYRDSNKLVEEFMLLANMAVAHKIHRAFPEQALLRRHPPPQTRML LRLDQLKLAFTLDHETGLPQCCHIYEYRESNKLVEEFMLLANMAVAHKIHRAFPEQALLRRHPPPQTRML LRIELPRLKFALDEDK-KPQGVSIYEIKDSNKLVEEFMLLANMAVAHKIHRAFPEGALLRNHPPPKEKMI VEINSTELKFQLDEYG-MPNKCEVYEQTDANHLIEEFMLLANMSVAKKIYAENFSNNSLLRRHASPKEKQI ATLLPTLSLLESLDDEKVKVDLNILDRTLGFVVINEIKRKVNSTVAEKIYTKKGDLALLRRQMQPIATKM AVIFGEGFNKGLVMLNADSEGELTEVTFSDOEFTLSTILVSEMMILANTLTGRYFAENKI	1 921 931 941 951 951 971 LVKAARS-RNLEIKTDTAKSLAESLDQAESPTFPYLN-TLLRILATRCMMQAVYFCSGMD	LVEAARNS-RNIGIRI DIARSLADSLUKAESFUFFILIN-TILIKILAIRCMMQAVIFCSGMUS LVEAARH-RGFEIIVESGKGLADSLNRCVDKKNPMLNRLLRMLTTRCMTQAVYFSAGKDGFSDIKL LQDILRVCKGMHLKCDTSKSLAKSLDECVDPKEPYFNTLLRILTTRCMLSAEYFCSGTFAP LNEMLNTRKNMSISLESSKALADSLDRCVDPEDPYFNTLVRIMSTRCMMAAQYFYSGAYSY LVEFCDQ-MGLPMDVSSAGALNKSLTKTFGDDKYSLARKEVLTNMYSRPMQMALYFCSGNLQD LVEFCDQ-MGLPVDFSSAGALNKSLTRGTGDDKYSLARKEVLTNMCSRPMQMALYFCSGILOD	VAEQCAR-IGFPLDGRTSGLLSTSLRKYQGKSRLDMCIRQVISSLTIKPMQQAKYFCTFEM FCHFLKS-MNFDFDASSSAAFNASMVRLRSTFNEELVELFENMAVRSLNRAEYFCTGDFGEK FRKKIQN-FGYNFDTNTADELIKGVLKIKDDDVRVGIEILLFKTMPRARYFIAGKVD VFRCYKQLPLGEVAQQQYDSMITSTKKGIFPKLKDIVKLSSLLNSSFYTGRPFR	1031 1041
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THDPIDLQTKE SRTPKKVMEKQ ISDPMDVEIKQ ISDPNEVEIKK IGLPQGCHIYE IGLPQGCHIYE K-KPQGVSIYE S-MPNKCEVYE SKVKVDLNILD	931 (TDTAKSLAES)	TO THE PROPERTY OF SAGALINKS OF SAGALINKS OF SAGALINKS OF THE PROPERTY OF THE	OGRTSGLLSTS) DASSSAAFNASI OTNTADELIKGY SEVAQQQYDSM	1001
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628 LTLSS 628 LTLSS 641 LTLAS 658 LNLAS 693 LNLAS 546 LRLD 173 LRLD 485 LRIEI 617 VEINS 849 ATLLI		711 KPLVE 728 DSLQI 763 EILNE 616 SDLVE 243 SDLVE	KD NE AS	981
HS-HMC-Dis3 MM-hmc-Dis3 CE-Q17632-Dis3 SP-P37202-Dis3 SC-Q08162-Dis3 MM-LOBO HS-LOBO CE-Q09568-LOBO SP-Z99259 SC-P24276-SSD1 SC-P39112	HS-HMC-Dis3	MM-IMIC-DISS CE-Q17632-DISS SP-P37202-DISS SC-Q08162-DISS MM-LOBO HS-LOBO	CE-Q09568-LOBO SP-Z99259 SC-P24276-SSD1 SC-P39112	



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HS-HWC-Dis3 758 MM-hmc-Dis3 758 CE-Q17632-Dis3 758 CE-Q17632-Dis3 778 EEKKFFVLKTLNLPYRSCLCDDTETSIHLSRGLNDYFLFKKEKLHMSVGVLFKLFDCLGTVPVPQYQHFG SC-Q08162-Dis3 826 MM-LOBO 680 MM-LOBO 680 MM-LOBO 616 SP-Z99259 749 SC-P24276-SSD1 977 SC-P39112 820 MM-LOBO 820 MM-LOBO 616 SC-P39112 820 MM-LOBO 616 SC-P39112 820 MM-LOBO 616 SC-P39112 820 MM-LOBO 616 MM-LOB	HS-HMC-Dis3 765 LASPIYTHFTSPIRRYADVIVHRLLAVAIGADCTYPELTDFHKLADICKNLNFRHKMAQYAQRASVAFHT MM-hmc-Dis3 765 LASPIYTHFTSPIRRYADIIVHRLLAVAIGADCTYPELTDKHKLSDICKNLNFRHKMAQYAQRASVAFHT CE-Q17632-Dis3 848 LACAIYTHFTSPIRRYADVIVHRLLAAAIGADCTYPELTDKHKLSDICKNLNFRHKMAQYAQRASVALNV SP-P37202-Dis3 848 LACAIYTHFTSPIRRYADVIVHRLLAAAIGADCGLLNQARCTKICTNINYRHKQAQYAGRASVQLNV SC-Q08162-Dis3 848 LACAIYTHFTSPIRRYADVIVHRQLAAAIDYETINPSLSDKSRLIEICNGINYRHRMAQMAGRASIEYVV MM-LOBO 688 LNVPLYTHFTSPIRRYADVIVHRQLAAAIGYSEQPDVEPDTLQKQADHCNDRRMASKRVQELSIGLFF HS-LOBO 315 LNVDHYTHFTSPIRRYADVIVHRQLAAALGYSEQPDVEPDTLQKQADHCNDRRMASKRVQELSIGLFF CE-Q09568-LOBO 625 LNVDHYTHFTSPIRRYPDVIVHRQLAAALGYSEQPDVEPDTLQKQADHCNDRRMASKRVQELSTSLFF SC-P29259 756 LSFNHYTHFTSPIRRYPDVIVHRQLAAALGYNERSERVPEEIQEICTRCNDTKLASKEASDESAMLYF SC-P24276-SSD1 985 LNLPIYTHFTAPMRRYADHVVHRQLKAVIHDTPYTEDMEALKITSEYCNFKKDCAYQAQEQAIHLLL SC-P39112 823 IGAKQYLTVTSPLRRFPDLINHLQ1HRHLQKKPLCFNQTQIDSLIWPIQSRADILKRASRNSSTYWT

Fig. 2j



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QLFFKSKG-----IVSEEAYILFVRKNAIVVLIPKYGLEGTVFFEEKDKPKPRLA--AVLVKESG-----PLESEAMVMGILKQAFDVLVLRYGVQKRIYCNALALRSHHFQ----VETCEGFVMGVRNNGIQVFVPKYGLESIIVLQTSAASG--TT----VAEEDAYVIKVFKNGFVVFIARFGLEGIVYTKSLSSVLEPN----ESTETGYVIKVFNNGIVVLVPKFGVEGLIRLDNLT--EDPNS---PLESEAMVMGVLNQAFDVLVLRFGVQKRIYCNALALRSYSFQ---PMKCQAVVLGVMDLSFDVLIVEYGVVKRVYVDKMKR---DFN---IVSEEAYILFVRKNAIVVLIPKYGLEGTVFFEEKDKPNPQLI QLFFKSKG--GQVMRNN---AVLVKESG--GVFIHQTG--VRYFKGK---GOALKGG--835 918 898 756 383 693 903 HS-HMC-Dis3 MM-hmc-Dis3 CE-Q17632-Dis3 SP-P37202-D1s3 SC-Q08162-Dis3 MM-LOBO HS-LOBO CE-Q09568-LOBO

Fig. 2k



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9 823 SVYIAEYCKKHDKKSMPVQAFATRISGNSIDVYISEYGISNRVDLSSDDR-IKSFI	i191 i201 i211 i221 i231 i241 i251		596		950DVYVFDKVEVQVRSVMDPITISKR	806KVGKKPELTLVWEPD-DLEEEPTQQVITIFSLVDVVLQAEATALKYSA) 433KVGKKPELTLVWEPE-DMEQEPAQQVITIFSLVEVVLQAESTALKYSA	740KSTEKLTIYWPADPNAESGNREEFSSSIQMCNVVYVIL-VPYKSIEVSA	878TIALTDREQVYLYSDYSRTFFSI	. 1120 DSATFIPADEKNPKSYRNSIKNKFRSTAAEIANIELDKEAESEPLISDPLSKELSDLHLTVPNLRLPSAS	934DIVKNCKISKIDCLEGMLELEKL-	1261 1271 1281 1291 1301 1311 1321
SP-299259 SC-P24276-SSD1 SC-P39112		HS-HMC-Dis3	G CE-017632-Dis3	SP-P37202-Dis3	SC-008162-Dis3	MM-LOBO	HS-LOBO	CE-209568-LOBO	SP-Z99259	SC-P24276-SSD1	SC-P39112	

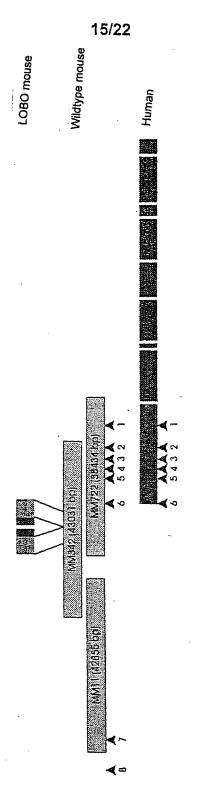


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HS-HMC-Dis3 935 IPTDTSNMDLNGPKKKKMKLGK	CE-017632-Dis3 1016 VDFDLSSSEGLGL	994 KAELLLK	853 ILKRPGLEKASDEEPED	HS-LOBO 480 ILKRPGTQGHLGPEKEEEESDGEPEDSSTS	CE-209568-LOBO 788 TIVRPSLEQRNILKSTLKDMKETGSTILQ	SP-Z99259 919 RCSLVSLN	SC-P24276-SSD1 1190 DNKQNALEKFISTTETRIENDNYIQEIHELQKIPILLRAEVGMALPCLTVRALNPFMKRV	1331 1341 1351 1361 1371 1381
93.	101	66		48(. 781	916	119(
HS-HMC-Dis3 MM-hmc-Dis3	CE-Q17632-Dis3	SC-208162-Dis3	MM-LOBO	HS-LOBO	CE-209568-LOBO	SP-Z99259	SC-P24276-SSD1	

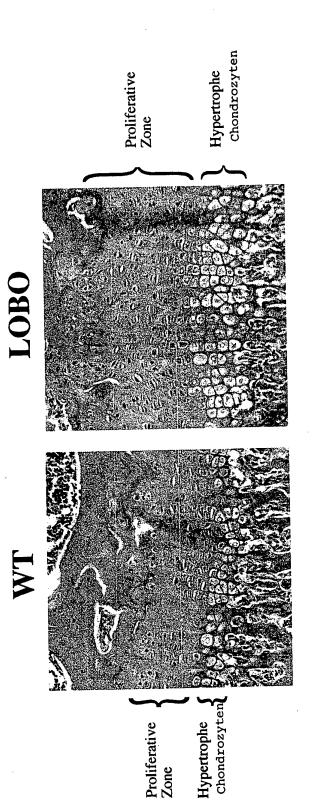




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Fig. 3





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Fig. 4



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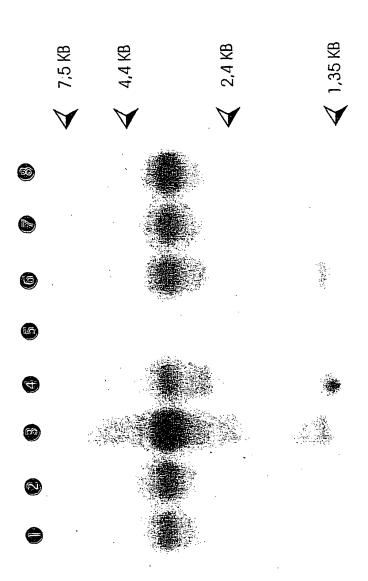


Fig. 5



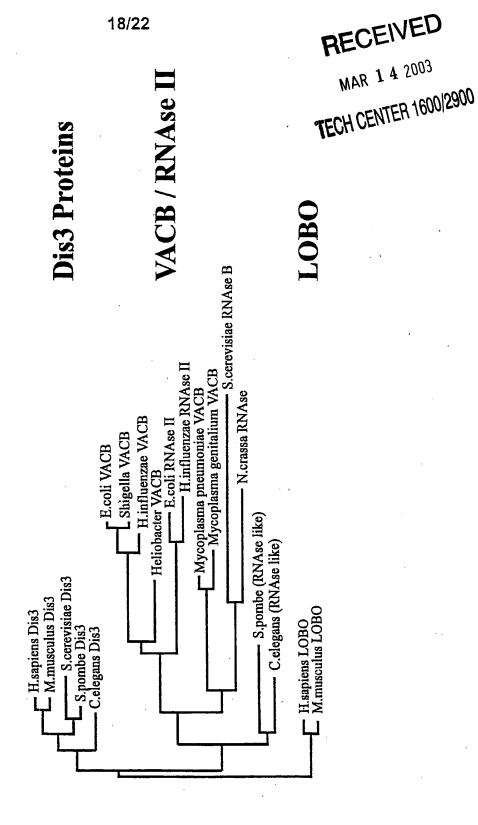


Fig. 6



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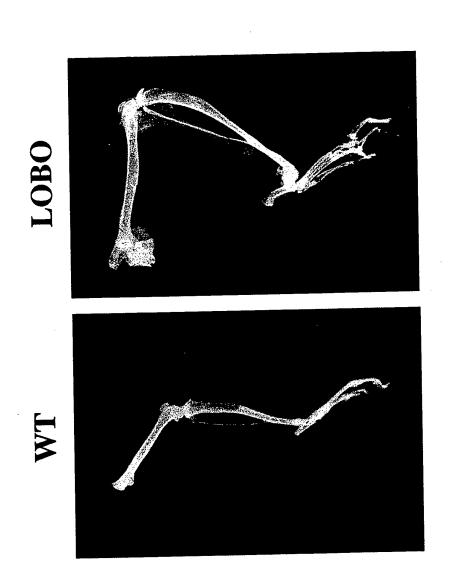


Fig. 7





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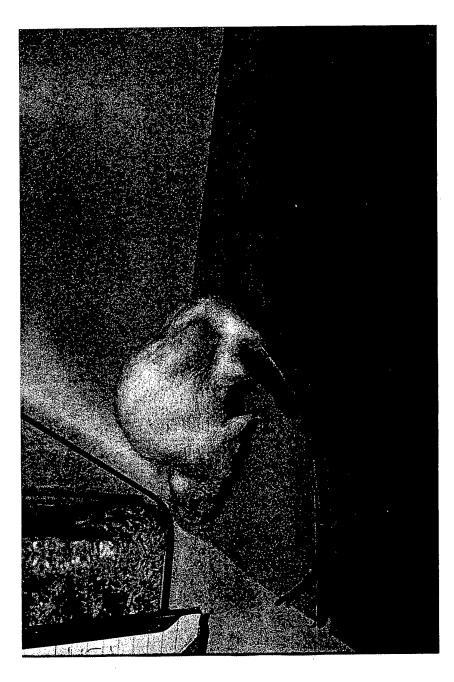
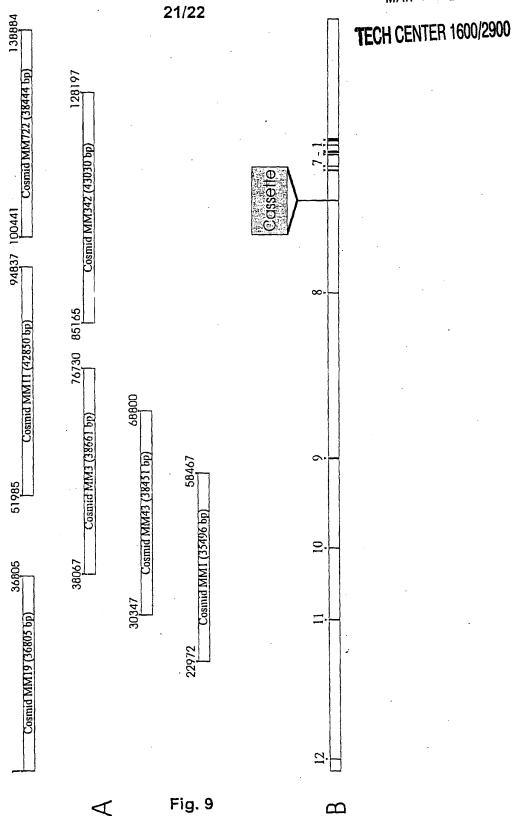


Fig. 8



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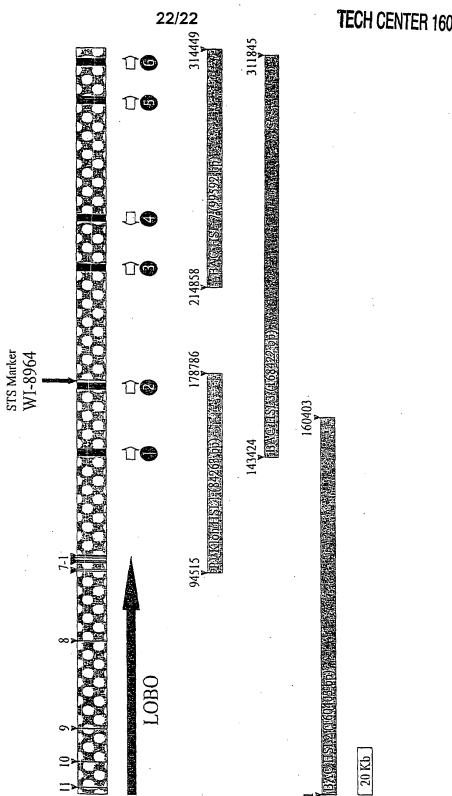


Fig. 10